

FOR ALL HORSES IN WORK

Formulated to match the increased needs of horses in training. **PURE POWER** provides the raw materials essential to maximise the response to training, build blood cells, mitochondria, bone strength & topline. PLUS the vitamins, anti-oxidants & minerals to protect working muscles, cell membranes, tendons, joints, the respiratory and cardiovascular systems.

Grain-free feeds that are low in starch and sugar (<15%) are recommended for horses that tie-up or are prone to genetic or exercise-induced equine rhabdomyolysis syndrome (ERS), poly-saccharide storage myopathy (PSSM) or recurrent exertional rhabdomyolysis (RER). Including Arabs, Australian Stockhorses, Anglo-Arabs, Draft horses, Quarter horses, Standardbreds, Thoroughbreds and Warmbloods.

*Harris PA and Jivere JL (2013) Exercise-associated muscle disorders. In Equine Applied and Clinical Nutrition - Health, welfare and performance. Ed. Geor RJ, Harris PA and Coenen M. Saunders Elsevier, London

PURE POWER IS FORMULATED TO PROVIDE THE COMPLETE ARRAY OF ESSENTIAL AND BRANCHED-CHAIN AMINO ACIDS, NATURAL VITAMINS A, D, E & K, PLANT PROTEIN MEAL, ORGANIC TRACE ELEMENTS, MACRO-MINERALS & ANTI-AANTOXIDANTS REQUIRED FOR HARD WORK

COMPOSITION Screened and milled lucerne meal with essential and branched-chain amino acids, vitamins, trace elements, macro-minerals and electrolytes.

CONDITIONS OF SALE

Being used outside their control, this product is sold on the express condition that the producers have no warranty, expressed or implied and are not responsible for damage arising out of its use, whether in accordance with the directions or not.

ANALYSIS/kg:

Est. DE (MJ/kg)	12 MJ
Min. Crude Protein	26%
Min. Oil	2%
Max. Crude Fibre	29%
Salt (NaCl)	0.6%
Starch	2.5%
WSC ^a	4%
ESC ^b	7.3%
NSC ^c	11%
NDF ^d	24%
ADF ^e	18%

a) Water soluble carbohydrate b) Ethanol soluble carbohydrate
c) Nonstructural carbohydrate d) Neutral detergent fibre
e) Acid detergent fibre

Calcium (g)	24	Vit E (mg)	1100
Phosphorus (g)	11	Niacin (mg)	130
Magnesium (g)	6	Thiamin (mg)	33
Potassium (g)	18	Vit B2 (mg)	26
Manganese (mg)	245	Pantothenate (mg)	47
Iron (mg)	324	Vit B6 (mg)	53
Copper (mg)	104	Vit B12 (ug)	96
Iodine (mg)	2.72	Biotin (ug)	2245
Zinc (mg)	393	Folate (mg)	3
Cobalt (mg)	0.9	Choline (g)	1.6
Selenium (mg)	1.3	Lysine (g)	14
Vit A (kIU)	30	Methionine	6
Vit D (kIU)	3	Threonine	11

2kg PURE POWER AS % OF NRC* RECOMMENDED DAILY INTAKE (500kg horse in intense work)

NUTRIENT	% recommended
Manganese	101
Iron	130
Copper	166
Iodine	123
Zinc	157
Cobalt	300
Selenium	102
Vitamin A	267
Vitamin D	182

NUTRIENT	% recommended
Vitamin E	147
Niacin	104
B1	101
B2	104
B5	103
B6	106
B12	154
Biotin	175
Lysine:energy	1.21**

*NRC National Research Council: Nutrient Requirements of Horses (2007)

** this determines the amount of muscle development

FEEDING GUIDE PER HORSE PER DAY (body weight 450-550kg)

TYING-UP, PSSM, RER	PURE POWER	Lucerne - chaff/hay	Oaten - chaff/hay	Beet Pulp (soaked)	Salt	Oil	Magnesium oxide*	Pasture
LIGHT TO HARD WORK	2kg	2 - 4kg	4 - 8kg	500 - 1000g	100 - 150g	300 - 1000ml	60 - 120g	as available

* the amount of magnesium required will depend on calcium intake, if feeding the high lucerne level use the higher magnesium level.

WORK LEVEL	PURE POWER	Grain	Lucerne/oaten - chaff/hay	Salt	Oil*	Pasture
SPELLING	1kg	0 - 1kg	1kg	30g	150 - 250ml	ad lib
LIGHT	1kg	2 - 3kg	5 - 7kg	45g	80 - 120ml	
MEDIUM	1.5kg	3 - 4kg	6 - 8kg	90g	120 - 150ml	
HARD	2kg	4 - 5kg	6 - 8kg	120g	150 - 200ml	
INTENSE	2kg	4 - 5kg	6 - 8kg	120 - 150g	150 - 250ml	

* the oil selected should contain high levels of omega 3 fatty acids eg canola or linseed oil.

The 'Feeding Rate' is intended as a general guide only and the amount fed will vary according to age, stage of preparation, work load, body weight, temperature and the quality of available hay, chaff, and/or pasture.

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